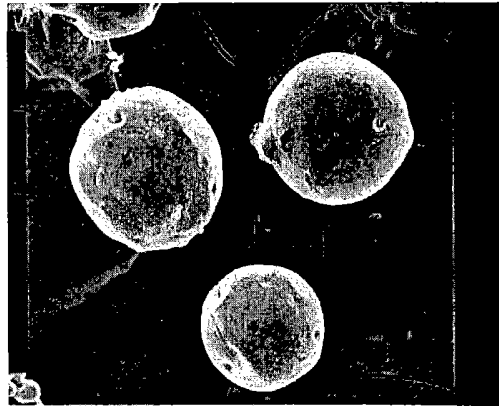


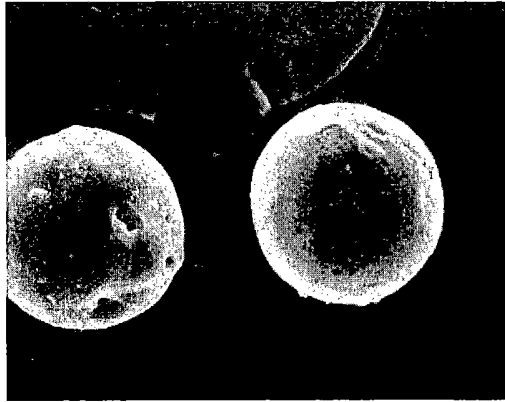
..... stands for 50 μ m

Fresh



..... stands for 50 μ m

GA



..... stands for 50 μ m

GP

FIG. 1

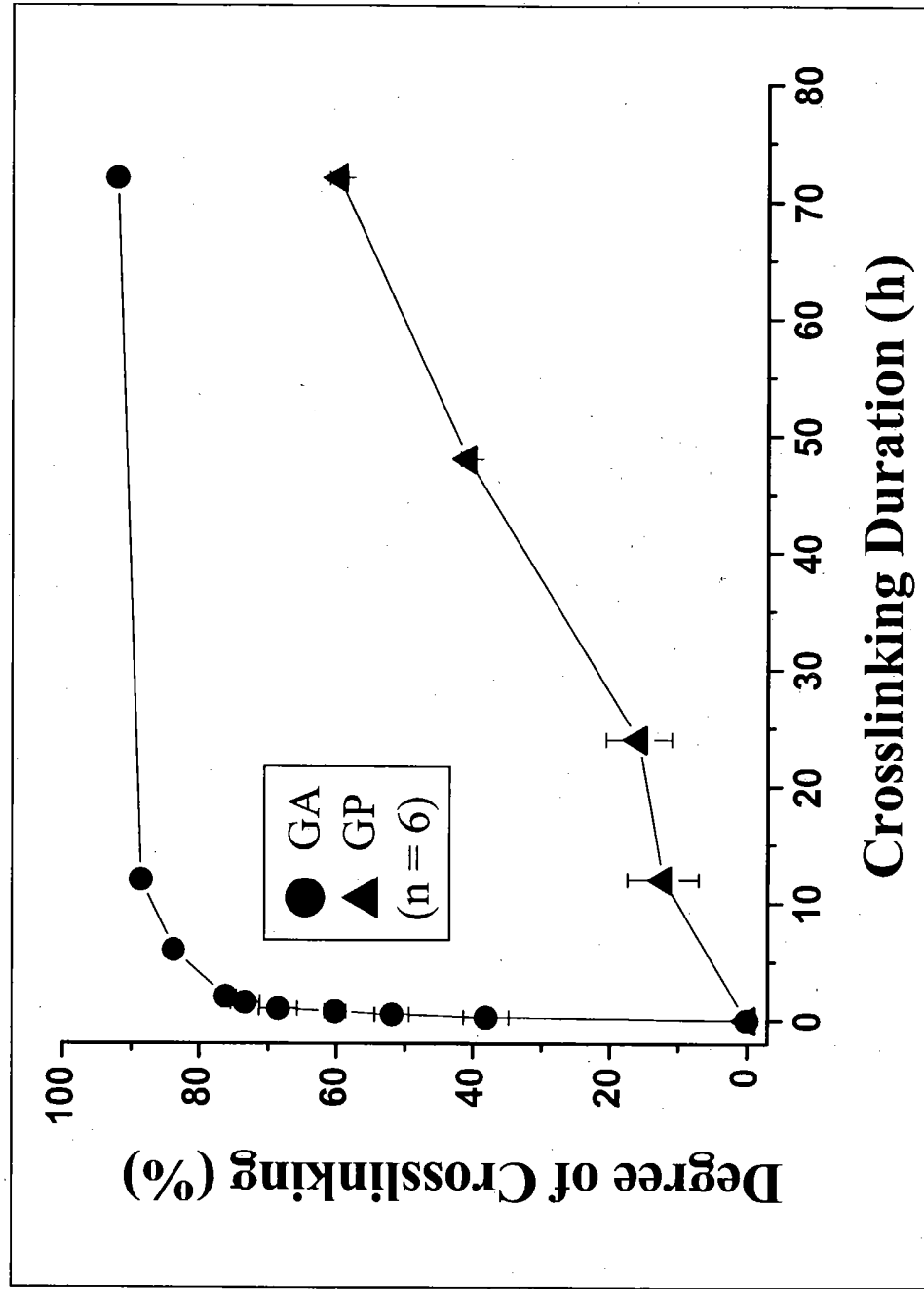


FIG. 2

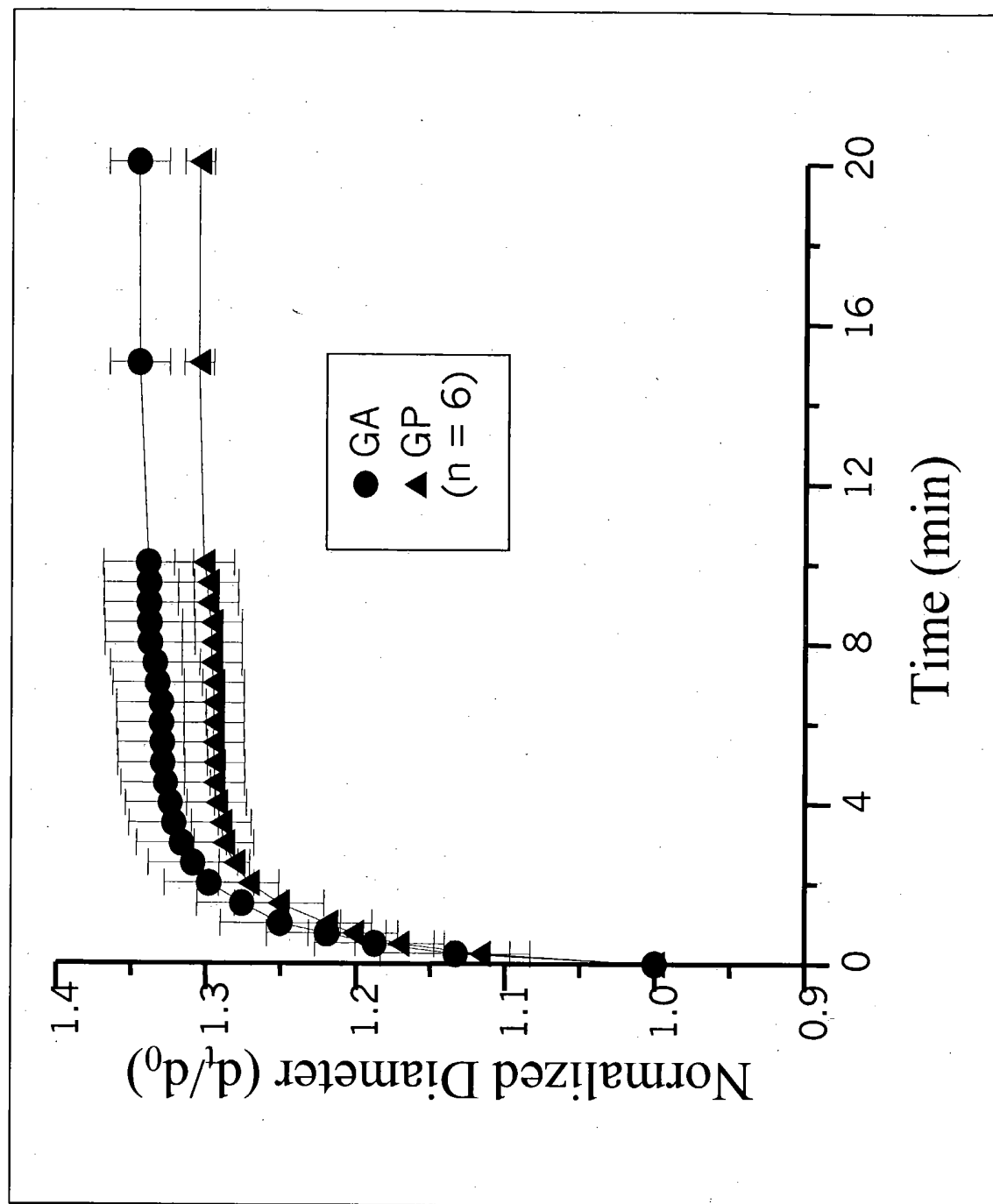
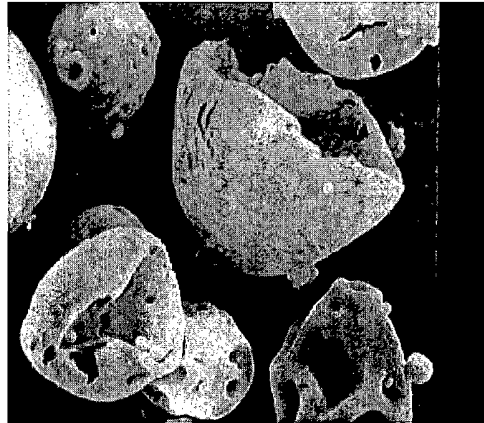


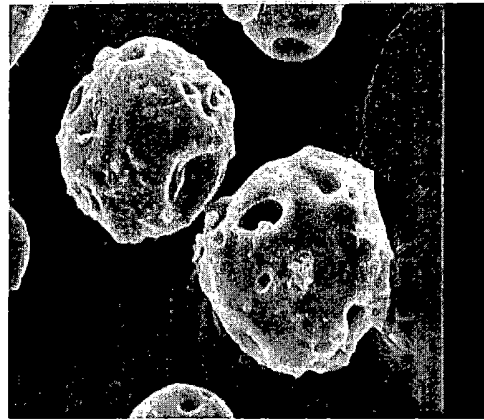
FIG. 3



..... stands for 50 μ m

GA

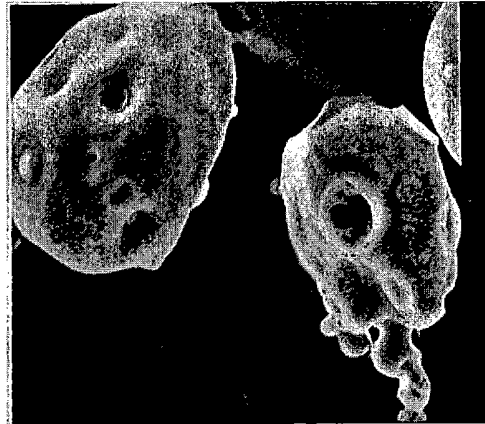
Degradation with Collagenase



..... stands for 50 μ m

GP

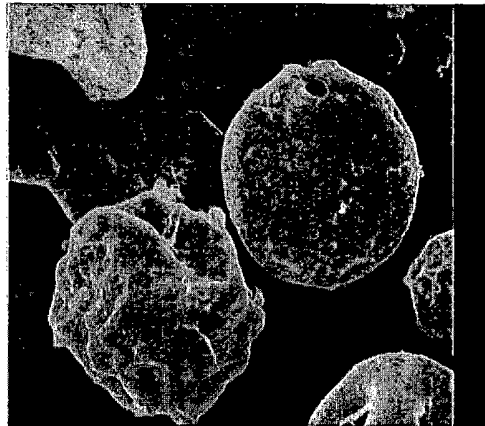
FIG. 4A



..... stands for 50 μ m

GA

Degradation without Collagenase



..... stands for 50 μ m

GP

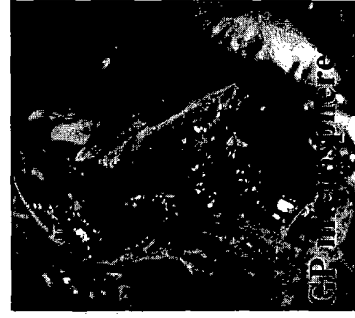
FIG. 4B



4-week Postop



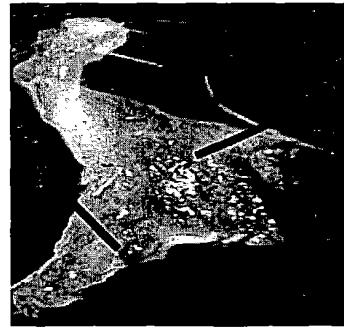
3-week Postop



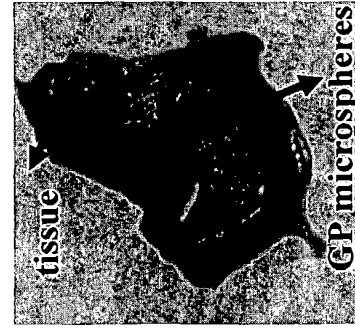
2-week Postop



1-week Postop



3-day Postop



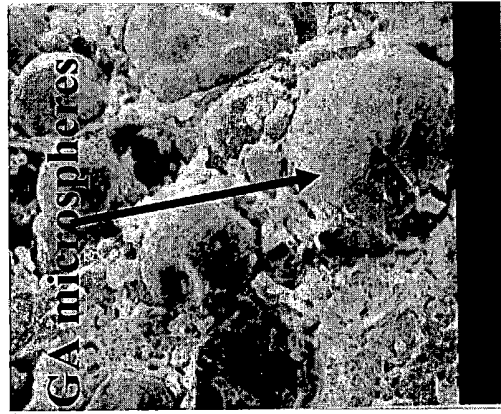
GA

GP

FIG. 5

GA

GA microspheres
totally degraded



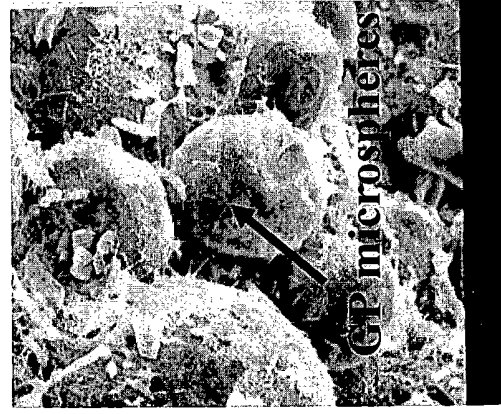
..... stands for 50 μ m

3-day Postop



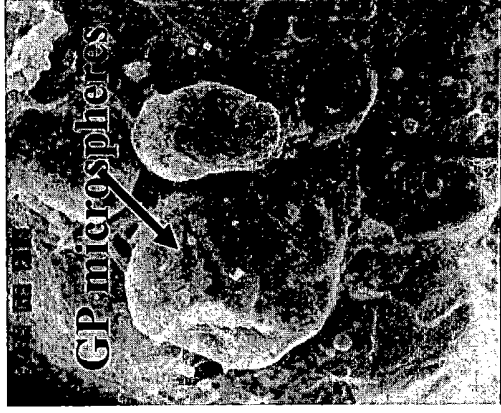
..... stands for 50 μ m

2-week Postop



..... stands for 50 μ m

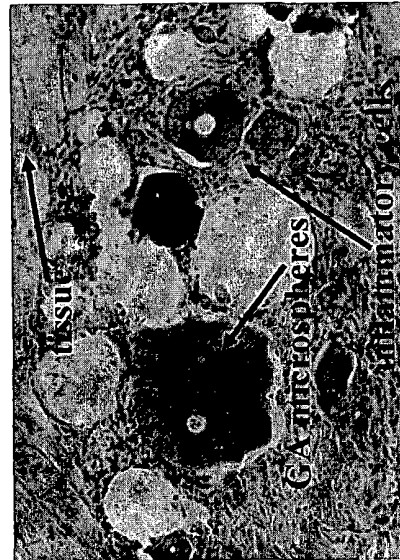
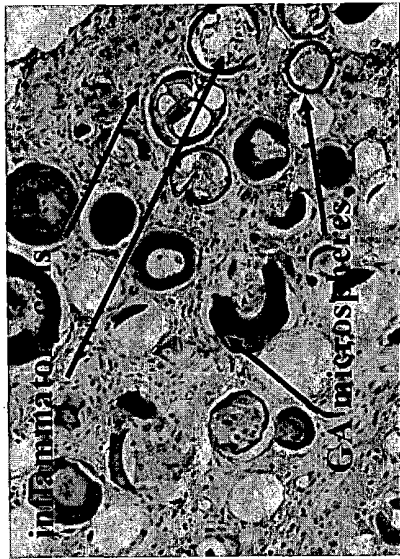
GP



..... stands for 50 μ m

FIG. 6

GA microspheres totally degraded

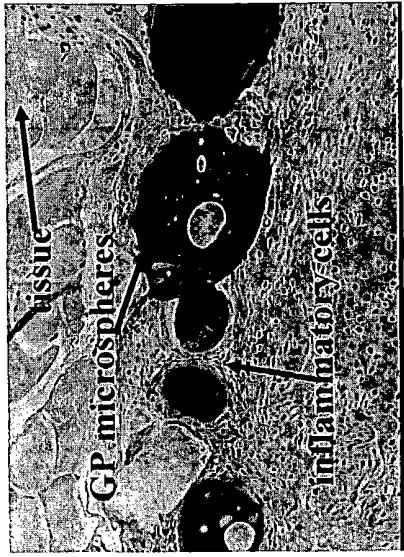
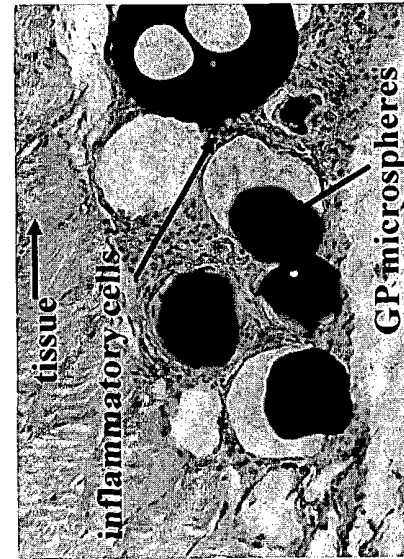
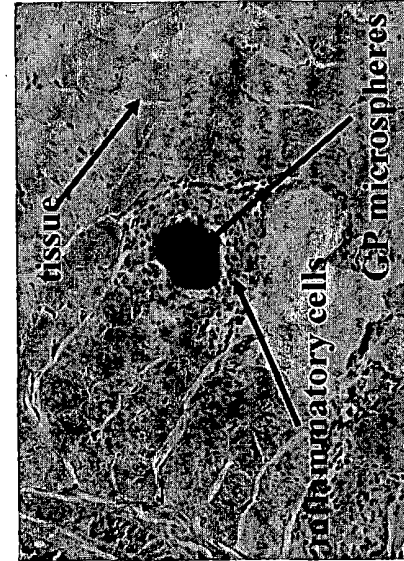


GA

3-day Postop

2-week Postop

3-week Postop



GP

FIG. 7

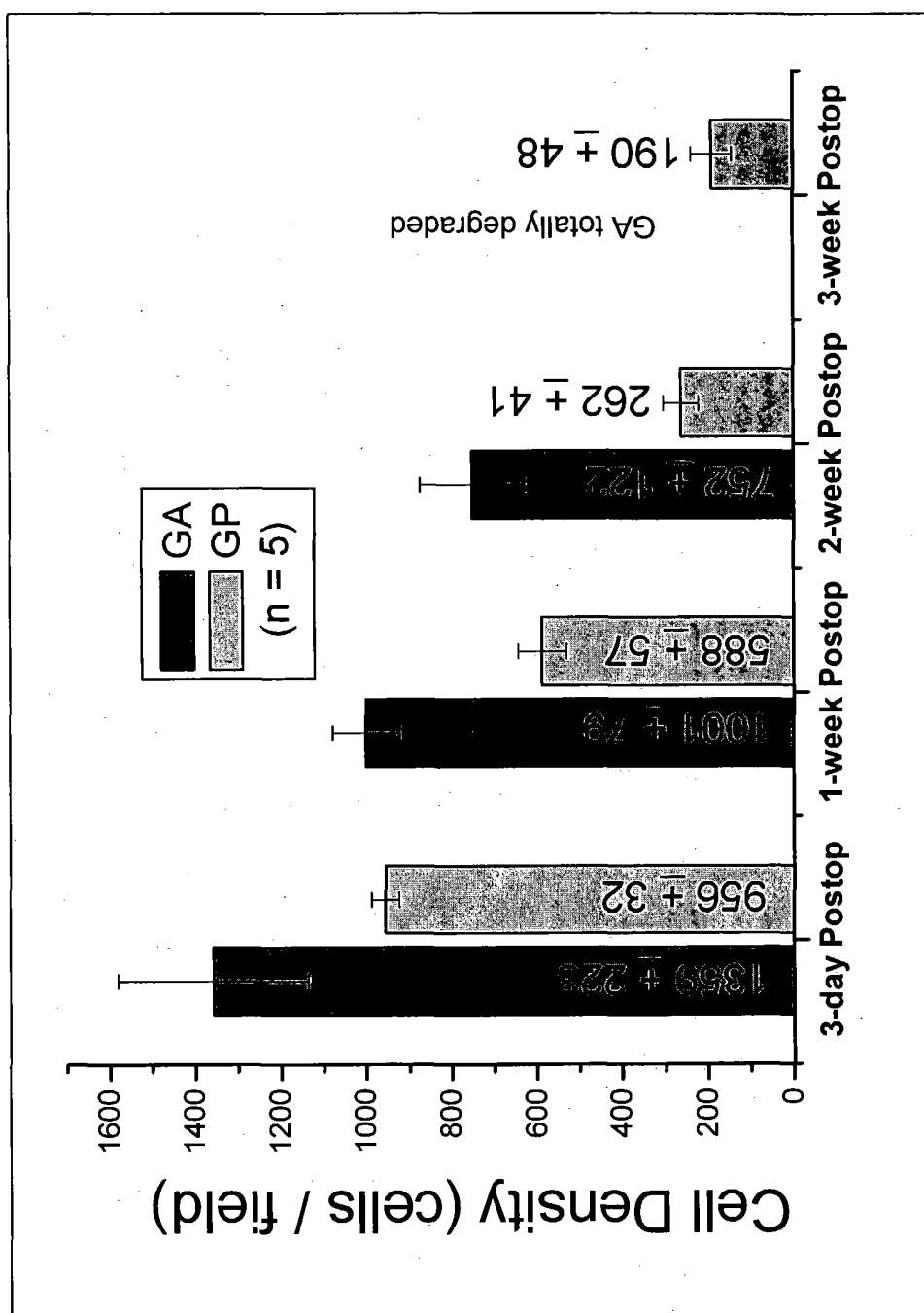


FIG. 8

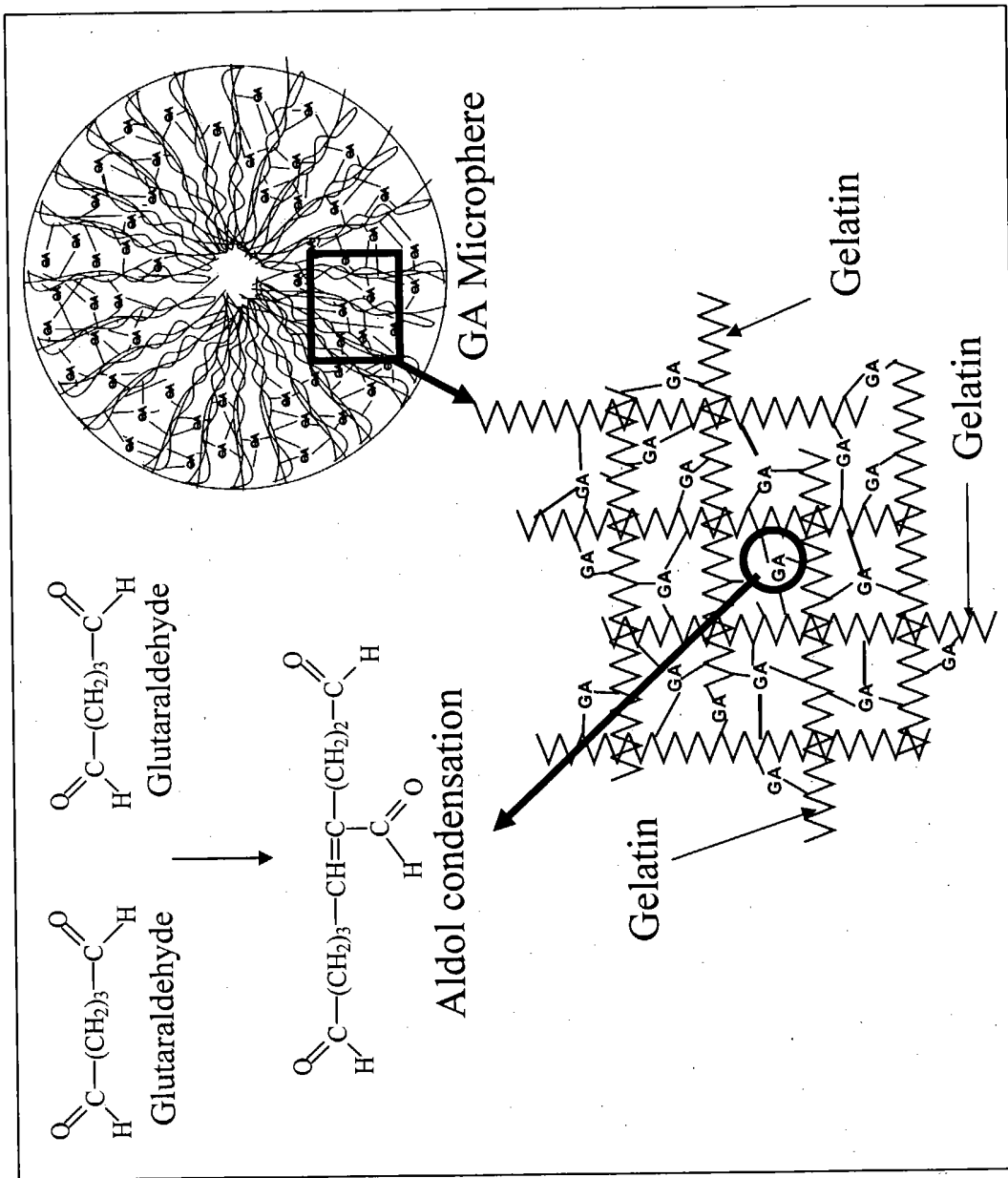


FIG. 9A

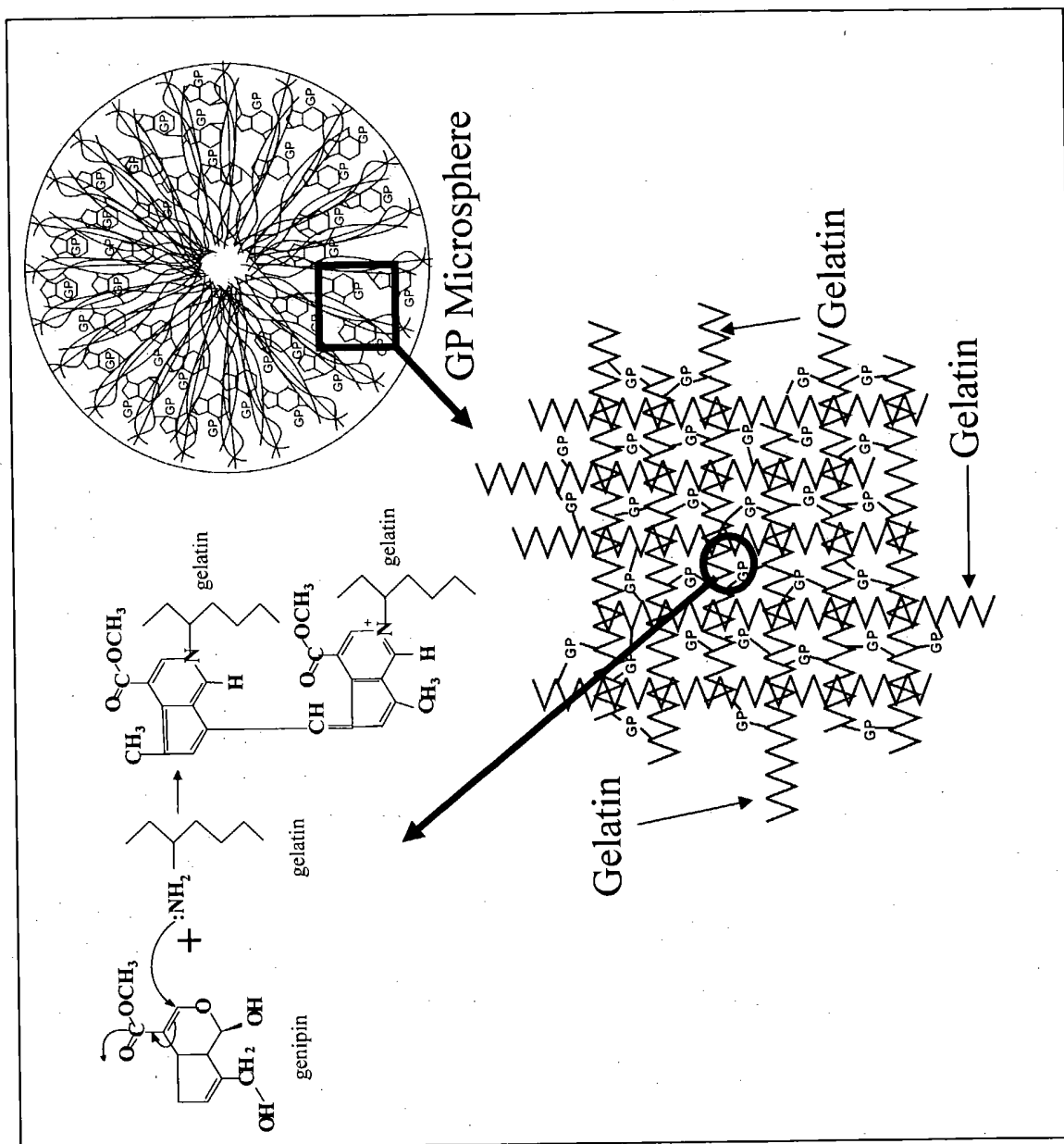
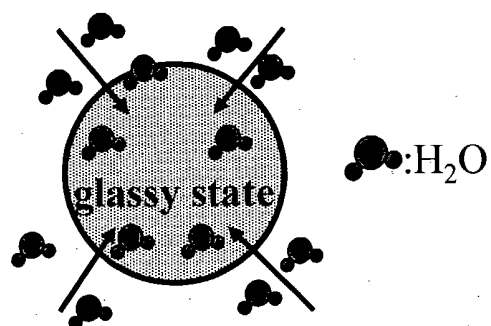
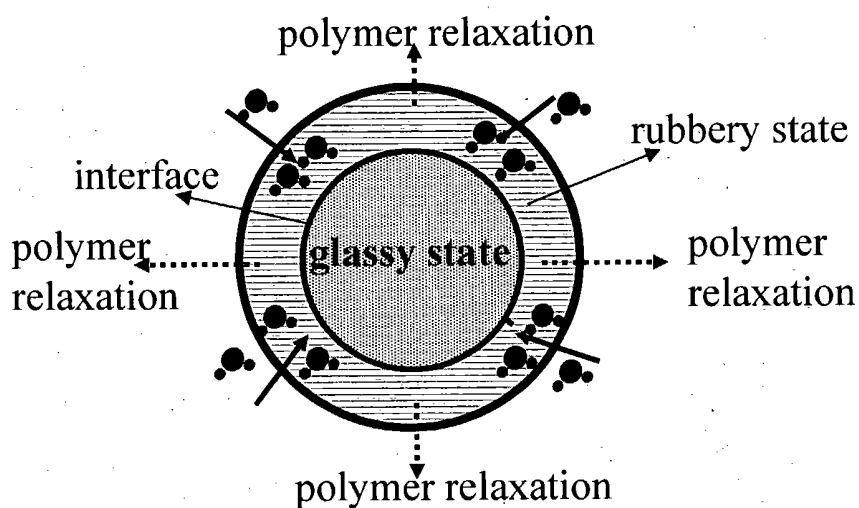


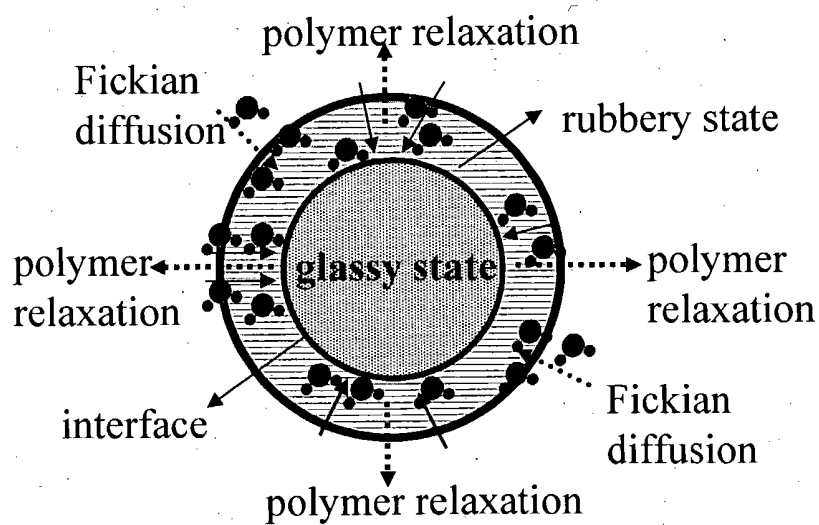
FIG. 9B



Fickian diffusion

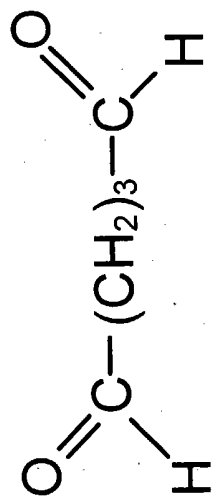


Case-II transport

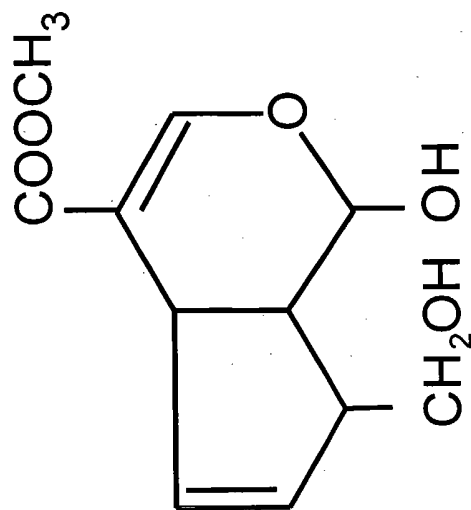


anomalous diffusion

FIG. 10



Glutaraldehyde
(GA)



Genipin
(GP)

FIG. 11